

Storm Data and Unusual Weather Phenomena - December 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ILLINOIS, Central				
(IL-Z038) MCLEAN				
	12/07/15 00:00 CST		0	Dense Fog
	12/07/15 20:00 CST		0	
<p>After a period of scattered light showers the day before, skies gradually cleared and winds became nearly calm during the pre-dawn hours of December 7th. As a result, widespread dense fog developed across central Illinois, particularly north of the I-70 corridor. Due to poor visibility, a two-car accident occurred in rural McLean County just east of Bloomington at around 11:20 AM CST. The driver of one of the vehicles was killed, while the driver of the other vehicle was injured and treated at a local hospital.</p>				
(IL-Z043) DE WITT				
	12/14/15 05:40 CST		40K	High Wind (MAX 70 kt)
	12/14/15 05:45 CST		0	
<p>A strong storm system tracking from the Southern Plains into the Great Lakes brought unseasonably warm weather to central Illinois on December 14th. A line of showers associated with the system passed through the region during the pre-dawn hours, creating wind gusts of 50 to 60 mph. A few localized areas reported gusts as high as 70 to 80 mph, including across portions of rural DeWitt County where a pole barn was severely damaged southeast of Lane.</p>				
SHELBY COUNTY --- 5.0 NW SHELBYVILLE [39.47, -88.87]				
	12/23/15 09:40 CST		30K	Thunderstorm Wind (EG 52 kt)
	12/23/15 09:45 CST		0	Source: Emergency Manager
Several small trees were blown over.				
SHELBY COUNTY --- 3.0 S SHELBYVILLE [39.38, -88.80]				
	12/23/15 09:50 CST		30K	Thunderstorm Wind (EG 52 kt)
	12/23/15 09:55 CST		0	Source: Emergency Manager
A shed was blown down.				
MACON COUNTY --- OAKLEY [39.87, -88.80]				
	12/23/15 09:57 CST		65K	Thunderstorm Wind (EG 61 kt)
	12/23/15 10:02 CST		0	Source: Emergency Manager
Shingles were blown off the roof of a house and two sheds were knocked down.				
MACON COUNTY --- OAKLEY [39.87, -88.80]				
	12/23/15 09:58 CST		40K	Thunderstorm Wind (EG 61 kt)
	12/23/15 10:03 CST		0	Source: Broadcast Media
The roof of a church was partially blown off.				
PIATT COUNTY --- 0.7 N CERRO GORDO [39.89, -88.73]				
	12/23/15 10:00 CST		45K	Thunderstorm Wind (EG 61 kt)
	12/23/15 10:05 CST		0	Source: Law Enforcement
Several trees were blown down and a pole barn was damaged along Route 105.				
DE WITT COUNTY --- 2.1 SE DE WITT [40.16, -88.75]				
	12/23/15 10:04 CST		20K	Thunderstorm Wind (EG 61 kt)
	12/23/15 10:09 CST		0	Source: Broadcast Media
A grain bin was thrown into a field.				
PIATT COUNTY --- 0.7 N MILMINE [39.91, -88.65]				
	12/23/15 10:07 CST		75K	Thunderstorm Wind (EG 61 kt)
	12/23/15 10:12 CST		0	Source: Law Enforcement
Numerous trees and power lines were blown down and a carport was damaged.				

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MOULTRIE COUNTY --- 2.8 E CHIPPS [39.63, -88.53]				
	12/23/15 10:15 CST		12K	Thunderstorm Wind (EG 61 kt)
	12/23/15 10:20 CST		0	Source: Broadcast Media
A semi was blown over on Cadwell Road between Cadwell and Sullivan.				
CHAMPAIGN COUNTY --- 1.4 S FOOSLAND [40.35, -88.42]				
	12/23/15 10:35 CST		65K	Thunderstorm Wind (EG 61 kt)
	12/23/15 10:40 CST		0	Source: County Official
Six power poles were blown down.				
DOUGLAS COUNTY --- 2.2 NNE CAMARGO [39.83, -88.16]				
	12/23/15 10:45 CST		0	Thunderstorm Wind (EG 61 kt)
	12/23/15 10:50 CST		0	Source: Emergency Manager
A tree was blown down across Route 130 about 2 miles south of Villa Grove.				
CLAY COUNTY --- 4.1 N XENIA [38.69, -88.62]				
	12/23/15 12:10 CST		30K	Thunderstorm Wind (EG 61 kt)
	12/23/15 12:15 CST		0	Source: Emergency Manager
A 40 by 80-foot barn was damaged on Butternut Road about 4 miles north of Xenia. The barn doors were blown in on the south side, the east wall was bowed out, and the roof was partially torn off.				
JASPER COUNTY --- NEWTON [38.98, -88.17]				
	12/23/15 12:35 CST		10K	Thunderstorm Wind (EG 61 kt)
	12/23/15 12:40 CST		0	Source: Public
Minor damage to the roof of a house and a carport occurred on Davis Street in Newton.				
RICHLAND COUNTY --- 1.6 E PARKERSBURG [38.58, -88.02]				
	12/23/15 12:42 CST		35K	Thunderstorm Wind (EG 61 kt)
	12/23/15 12:47 CST		0	Source: Emergency Manager
Seven trees were uprooted and windows were blown out of a house. Grain bins and a storage shed were also damaged.				
CRAWFORD COUNTY --- ROBINSON [39.00, -87.73]				
	12/23/15 13:00 CST		20K	Thunderstorm Wind (EG 61 kt)
	12/23/15 13:05 CST		0	Source: Law Enforcement
Several trees and tree branches were blown down in Robinson.				
LAWRENCE COUNTY --- 3.0 E LAWRENCEVILLE [38.72, -87.61]				
	12/23/15 13:06 CST		20K	Thunderstorm Wind (EG 61 kt)
	12/23/15 13:11 CST		0	Source: State Official
Two Ameren power poles were snapped off at the ground.				
A deepening low pressure system tracking from Kansas to Wisconsin brought unseasonably warm and moist air northward into central Illinois on December 23rd. A line of thunderstorms developed in a modestly unstable and highly sheared environment well ahead of an advancing cold front during the morning and early afternoon. Some of the storm produced damaging wind gusts of 60-70 mph, particularly east of the I-55 corridor.				
CHRISTIAN COUNTY --- 4.5 NNW SICILY [39.64, -89.53], 2.6 SE OSBERNVILLE [39.73, -89.14], 2.4 NNE OLD STONINGTON [39.65, -89.14], 2.3 N MOWEAQUA [39.65, -89.03], 3.7 SE PANA [39.35, -89.03], 0.0 S HARVEL [39.35, -89.53]				
	12/26/15 21:15 CST		0	Flash Flood (due to Heavy Rain)
	12/27/15 04:00 CST		0	Source: Emergency Manager
An extended period of heavy rain during the evening of December 26th in Christian County combined with an already saturated ground to produce flash flooding. Rainfall amounts ranged from 2.50 to 4.50 inches in less than six hours, with the heaviest rain in the southern half of the county. Most rural roads and state highways were flooded and impassable. City streets in Taylorville and Pana were also flooded.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MOULTRIE COUNTY --- 1.0 E GAYS [39.45, -88.48], 4.2 SW KIRKSVILLE [39.52, -88.72], 3.9 SW KIRKSVILLE [39.53, -88.72], 6.4 SW BETHANY [39.58, -88.81], 1.6 NNW DALTON CITY [39.74, -88.81], 2.1 WSW LAKE CITY [39.74, -88.76], 3.6 NW LAKE CITY [39.79, -88.76], 5.9 NNE FAIRBANKS [39.79, -88.47]				
	12/26/15 22:00 CST		0	Flash Flood (due to Heavy Rain)
	12/27/15 04:00 CST		0	Source: Law Enforcement
An extended period of heavy rain during the late evening of December 26th in Moultrie County combined with an already saturated ground to produce flash flooding. Rainfall amounts ranged from 4.00 to 5.50 inches in less than six hours. Most rural roads and state highways were flooded and impassable. Bethany, Lovington and Sullivan were the most impacted with city streets inundated and basements flooded.				
SHELBY COUNTY --- 2.3 N MOWEAQUA [39.65, -89.03], 6.5 NNE OBED [39.65, -88.81], 1.7 E FINDLAY [39.52, -88.72], 3.9 NNE SEXSON CORNER [39.45, -88.48], 0.9 E SIGEL [39.22, -88.48], 0.8 SW HANSON [39.22, -89.14], 4.9 NNW OCONEE [39.35, -89.14], 3.8 SW TOWER HILL [39.35, -89.03]				
	12/26/15 22:00 CST		0	Flash Flood (due to Heavy Rain)
	12/27/15 04:00 CST		0	Source: Emergency Manager
An extended period of heavy rain during the evening of December 26th in Shelby County combined with an already saturated ground to produce flash flooding. Rainfall amounts ranged from 3.65 to 5.20 inches in less than six hours, with the heaviest rain in the western half of the county. Most rural roads and state highways were flooded and impassable. City streets in Shelbyville were also flooded.				
DOUGLAS COUNTY --- 5.9 NNW GARRETT [39.88, -88.46], 6.0 NNE NEWMAN [39.88, -87.94], 2.3 ESE NEWMAN [39.79, -87.94], 0.7 SE NEWMAN [39.79, -87.97], 7.9 S NEWMAN [39.69, -87.97], 3.5 E HINDSBORO [39.68, -88.06], 4.0 ESE HINDSBORO [39.65, -88.06], 4.7 S ARTHUR [39.65, -88.47]				
	12/26/15 22:45 CST		0	Flash Flood (due to Heavy Rain)
	12/27/15 06:30 CST		0	Source: Emergency Manager
An extended period of heavy rain during the late evening of December 26th in Douglas County combined with an already saturated ground to produce flash flooding. Rainfall amounts ranged from 4.00 to 4.25 inches in less than six hours. Most rural roads and state highways were flooded and impassable. Tuscola, Arcola, Villa Grove and Newman were the most impacted with severely flooded streets and basements .				
MACON COUNTY --- 6.9 SSW PRAIRIE HALL [39.65, -88.81], 3.3 SSW BLUE MOUND [39.65, -89.14], 1.1 W BLUE MOUND [39.70, -89.14], 1.7 WSW (DEC)DECATUR ARPT [39.82, -88.90], 2.3 ESE CASNER [39.79, -88.76], 1.3 ESE PRAIRIE HALL [39.74, -88.76], 1.9 WSW PRAIRIE HALL [39.74, -88.81]				
	12/26/15 23:00 CST		0	Flash Flood (due to Heavy Rain)
	12/27/15 04:00 CST		0	Source: Emergency Manager
An extended period of heavy rain during the late evening of December 26th in Macon County combined with an already saturated ground to produce flash flooding. Rainfall amounts ranged from 3.00 to 3.50 inches in less than six hours, with the heaviest rain in the southern half of the county. Most rural roads and state highways were flooded and impassable. Locations from Blue Mound through Macon toward Dalton City and south toward the county line with Christian and Shelby County were the most impacted.				
EFFINGHAM COUNTY --- 2.4 NE GREEN CREEK [39.22, -88.48], 2.9 N TEUTOPOLIS [39.17, -88.47], 3.4 S KEPTOWN [39.03, -88.66], 3.9 SW ALTAMONT [39.03, -88.81], 3.1 NW BEECHER CITY [39.22, -88.81]				
	12/27/15 00:00 CST		0	Flash Flood (due to Heavy Rain)
	12/27/15 04:00 CST		0	Source: Emergency Manager
An extended period of heavy rain during the late evening of December 26th in northwest Effingham County combined with an already saturated ground to produce flash flooding. Rainfall amounts ranged from 2.75 to 4.00 inches in less than six hours. Most rural roads and state highways were flooded and impassable northwest of Interstate 70. Beecher City, Altamont and Shumway were the most impacted with flooded streets and basements. Several streets were also flooded in the city of Effingham.				
CHRISTIAN COUNTY --- 4.3 NNE SICILY [39.64, -89.48], 2.0 NNW BOLIVIA [39.76, -89.37], 3.9 NNE OSBERNVILLE [39.80, -89.14], 2.4 NNE OLD STONINGTON [39.65, -89.14], 2.3 N MOWEAQUA [39.65, -89.03], 3.7 SE PANA [39.35, -89.03], 0.0 S HARVEL [39.35, -89.53], 4.5 NNW SICILY [39.64, -89.53]				
	12/27/15 04:00 CST	4	2.80M	Flood (due to Heavy Rain)
	12/31/15 15:30 CST		0	Source: Emergency Manager

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
An extended period of heavy rain during the evening of December 26th in Christian County combined with an already saturated ground to produce flash flooding. Rainfall amounts ranged from 2.50 to 4.50 inches in less than six hours, with the heaviest rain in the southern half of the county. Most rural roads and state highways were flooded and impassable. City streets in Taylorville and Pana were also flooded. The flooding continued through all of December 27th. Additional rainfall of 2.50 to 4.75" from December 28th into the 29th aggravated the flooding situation significantly. Every road in the county was flooded which resulted in a shortage of barricades to close the roads. The village of Kincaid was hardest hit as the South Fork of the Sangamon River overtopped levees and flooded the southeast part of town for the first time in its history. People had to be rescued by boat as all roads in and out of town were flooded. Three houses were destroyed by the flooding in Kincaid, with 41 others damaged. Four fatalities occurred in two separate incidents early in the morning of December 29th. Two 18 year old males died as their pickup truck was swept away in flood waters near the South Fork of the Sangamon River and Illinois Route 104 about one mile southeast of Kincaid. Two other people died as their van was swept into the Buckhart Creek about 5 miles ENE of Edinburg. The flooding finally subsided by the afternoon of December 31st, more than four days after it started.				

Direct Fatalities: M18VE, M18VE, M49VE, F46VE

EFFINGHAM COUNTY --- 2.4 NE GREEN CREEK [39.22, -88.48], 2.9 N TEUTOPOLIS [39.17, -88.47], 0.5 E MONTROSE [39.17, -88.36], 1.4 SSE WINTERROWD [38.91, -88.36], 8.3 W EDGEWOOD [38.91, -88.80], 3.1 NW BEECHER CITY [39.22, -88.81]				
	12/27/15 04:00 CST		0.30M	Flood (due to Heavy Rain)
	12/31/15 12:00 CST		0	Source: Emergency Manager

An extended period of heavy rain during the late evening of December 26th in northwest Effingham County combined with an already saturated ground to produce flash flooding. Rainfall amounts ranged from 2.75 to 4.00 inches in less than six hours. Most rural roads and state highways were flooded and impassable northwest of Interstate 70. Beecher City, Altamont and Shumway were the most impacted with flooded streets and basements. Several streets were also flooded in the city of Effingham. The flooding continued through all of December 27th. Additional rainfall of 2.40 to 3.00" from December 28th into the 29th aggravated the flooding situation significantly and spread into the remainder of the county. Every rural road and most state highways were flooded for nearly four days. The flood water finally subsided by the afternoon of December 31st.

MACON COUNTY --- 6.9 SSW PRAIRIE HALL [39.65, -88.81], 3.3 SSW BLUE MOUND [39.65, -89.14], 1.1 ENE NIAN TIC [39.86, -89.15], 3.3 ESE NEWBURG [39.96, -88.75], 2.9 E CASNER [39.79, -88.75], 2.3 ESE CASNER [39.79, -88.76], 1.3 ESE PRAIRIE HALL [39.74, -88.76], 1.9 WSW PRAIRIE HALL [39.74, -88.81]				
	12/27/15 04:00 CST		0.40M	Flood (due to Heavy Rain)
	12/30/15 15:30 CST		0	Source: Emergency Manager

An extended period of heavy rain during the late evening of December 26th in Macon County combined with an already saturated ground to produce flash flooding. Rainfall amounts ranged from 3.00 to 3.50 inches in less than six hours, with the heaviest rain in the southern half of the county. Most rural roads and state highways were flooded and impassable. Locations from Blue Mound through Macon toward Dalton City and south toward the county line with Christian and Shelby County were the most impacted. The flooding continued through all of December 27th. Additional rainfall of 2.30 to 2.70" from December 28th into the 29th aggravated the flooding situation significantly, and spread into the central part of the county, resulting in basement flooding in many parts of Decatur. Nearly every road between State Route 48 and 121 in southern Macon County was flooded for about three days. The flood water finally subsided by the afternoon of December 30th.

MOULTRIE COUNTY --- 1.0 E GAYS [39.45, -88.48], 4.2 SW KIRKSVILLE [39.52, -88.72], 3.9 SW KIRKSVILLE [39.53, -88.72], 6.4 SW BETHANY [39.58, -88.81], 1.6 NNW DALTON CITY [39.74, -88.81], 2.1 WSW LAKE CITY [39.74, -88.76], 3.6 NW LAKE CITY [39.79, -88.76], 5.9 NNE FAIRBANKS [39.79, -88.47]				
	12/27/15 04:00 CST		0.50M	Flood (due to Heavy Rain)
	12/31/15 15:30 CST		0	Source: Law Enforcement

An extended period of heavy rain during the late evening of December 26th in Moultrie County combined with an already saturated ground to produce flash flooding. Rainfall amounts ranged from 4.00 to 5.50 inches in less than six hours. Most rural roads and state highways were flooded and impassable. Bethany, Lovington and Sullivan were the most impacted with city streets inundated and basements flooded. The flooding continued through all of December 27th. Additional rainfall of 1.50 to 2.00" from December 28th into the 29th aggravated the flooding situation significantly. Every rural road and most state highways were flooded for nearly four days. The flood water finally subsided by the afternoon of December 31st.

SHELBY COUNTY --- 2.3 N MOWEAQUA [39.65, -89.03], 6.5 NNE OBED [39.65, -88.81], 1.7 E FINDLAY [39.52, -88.72], 3.9 NNE SEXSON CORNER [39.45, -88.48], 0.9 E SIGEL [39.22, -88.48], 0.8 SW HANSON [39.22, -89.14], 4.9 NNW OCONEE [39.35, -89.14], 3.8 SW TOWER HILL [39.35, -89.03]				
	12/27/15 04:00 CST		1M	Flood (due to Heavy Rain)
	12/31/15 15:30 CST		0	Source: Emergency Manager

An extended period of heavy rain during the evening of December 26th in Shelby County combined with an already saturated ground to produce flash flooding. Rainfall amounts ranged from 3.65 to 5.20 inches in less than six hours, with the heaviest rain in the western half of the county. Most rural roads and state highways were flooded and impassable. City streets in Shelbyville were also flooded. The flooding continued through all of December 27th. Additional rainfall of 1.75 to 3.75" from December 28th into the 29th aggravated the flooding situation significantly. The towns of Windsor, Tower Hill, Oconee and Shelbyville had the most flood damage to roads and basements. Every road in the county was flooded, until the water finally subsided by the afternoon of December 31st, more than four days after it started.

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DOUGLAS COUNTY --- 5.9 NNW GARRETT [39.88, -88.46], 6.0 NNE NEWMAN [39.88, -87.94], 2.3 ESE NEWMAN [39.79, -87.94], 0.7 SE NEWMAN [39.79, -87.97], 7.9 S NEWMAN [39.69, -87.97], 3.5 E HINDSBORO [39.68, -88.06], 4.0 ESE HINDSBORO [39.65, -88.06], 4.7 S ARTHUR [39.65, -88.47]				
	12/27/15 06:30 CST		2.20M	Flood (due to Heavy Rain)
	12/31/15 15:30 CST		0	Source: Emergency Manager

An extended period of heavy rain during the late evening of December 26th in Douglas County combined with an already saturated ground to produce flash flooding. Rainfall amounts ranged from 4.00 to 4.25 inches in less than six hours. Most rural roads and state highways were flooded and impassable. Tuscola, Arcola, Villa Grove and Newman were the most impacted with severely flooded streets and basements. The flooding continued through all of December 27th. Additional rainfall of 1.50 to 2.75" from December 28th into the 29th aggravated the flooding situation significantly. More than 120 buildings and homes were damaged in various locations across the county, 23 of which sustained major flood damage. Every rural road and most state highways and city streets were flooded for nearly four days. The flood water finally subsided by the afternoon of December 31st.

A multi-faceted storm system brought several periods of heavy rain to central and southeast Illinois from December 26th through 28th. The system began to spread rain into the region from the southwest during the early morning hours of Saturday, December 26th, with the rain continuing into Saturday night. By the morning of Sunday, December 27th, widespread 2 to 5-inch totals were reported southeast of a Jacksonville to Rantoul line. This amount of rain falling on saturated soils from recent wet conditions produced widespread flash flooding and fast rises on creeks and streams. After a lull in the rainfall for much of Sunday, another round of rain moved in from the south from Sunday night through the afternoon of Monday, December 28th. Heavy rains of 1 to 3 inches were common across the entire area from this portion of the event, further aggravating existing flooding conditions. Once the flash flooding subsided, ongoing areal flooding persisted through December 31st...with river flooding continuing well into January 2016. Many rivers climbed to major flood stage as a result of the excessive rainfall. The flooding situation was made even worse by levee breaches, including one along the Embarras River near the Jasper-Crawford County line. Four people died as a result of this major flooding event across central Illinois. All four died when their vehicles were swept away by high water in Christian County early in the morning of December 29th.

(IL-Z027) KNOX, (IL-Z028) STARK, (IL-Z029) PEORIA, (IL-Z030) MARSHALL, (IL-Z031) WOODFORD, (IL-Z037) TAZEWEILL, (IL-Z038) MCLEAN				
	12/28/15 03:00 CST		5.03M	Ice Storm
	12/28/15 18:00 CST		0	

(IL-Z036) FULTON				
	12/28/15 06:00 CST		0	Winter Weather
	12/28/15 17:00 CST		0	

A multi-faceted storm system impacted central Illinois from December 26th through 28th...bringing heavy rainfall, significant ice accumulations, and strong winds. As Canadian high pressure moved north of the Great Lakes during the early morning of December 28th, northeasterly winds brought colder air into the region. With temperatures falling into the upper 20s and lower 30s, rain changed to freezing rain along and north of a Canton to Bloomington line. Although warm ground temperatures prevented much freezing on paved surfaces, significant ice accumulations of one tenth to three tenths of an inch were reported on elevated surfaces, including trees. This amount of ice, combined with strong easterly winds gusting to between 40 and 50 mph, brought down many trees and power lines. Due to the very wet soil conditions, numerous large trees were uprooted, damaging homes and taking down power lines and power poles. Widespread power outages were reported in Galesburg, Peoria, Bloomington-Normal, and many smaller communities. Around 240,000 people lost power across Knox, Stark, Marshall, Peoria, Tazewell, Woodford, and McLean counties.